

SUBSTITUTE FORM PTO-1449 (Modified) SEP 10 2002 INFORMATION DISCLOSURE STATEMENT by Applicant (Use several sheets if necessary) (37 CFR 1.900(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 07977-303001	Application No. 10/081,971
	Applicant S. Yamazaki, et al.			
	Filing Date February 20, 2002		Group Art Unit	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AE							
	AF							
	AG							
	AH							
	AI							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AJ	
	AK	
	AL	
	AM	
	AN	
	AO	
	AP	
	AQ	
	AR	
<i>gms</i>	AS	 L. Kido et al. "Multilayer white light-emitting organic electroluminescent device." Science 267: 1995. p. 1332-1334

DUPLICATE

Examiner Signature <i>gms</i>	Date Considered <i>4/8/02</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-303001	Application No. 10/081,971
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Yamazaki et al.	
		Filing Date February 20, 2002	Group Art Unit

(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
Sum	AA	5 925 980	Jul 20, 1999	So et al.			
	AB	5 853 905	Dec 29, 1998	So et al.			
	AC	6 130 001	Oct 10, 2000	Shi et al.			
	AD	5 271 089	Dec 14, 1993	Ozawa			
Sum	AE	6 285 039	Sep 4, 2001	Kobori et al.			

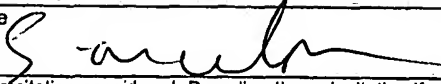
Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
Sum	AF	1 065 737	Jan 3, 2001	EPO				
	AG	10-233288	Sep 2, 1998	Japan			Full	
Sum	AH	2001-52870	Feb 23, 2001	Japan			Full	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
Sum	AI	Tang et al. "Organic electroluminescent diodes." Applied Physics Letters 51(12): 1987. p. 913-915.
	AJ	Kijima et al. "A blue organic light emitting diode." Jpn. J. Appl. Phys. 38: 1999. p. 5274-5277.
	AK	C. Adachi et al. "Electroluminescence in organic films with three-layer structure." Jpn. J. Appl. Phys. 27(2): 1988. p. L269-L271.
	AL	C.W. Tang et al. "Electroluminescence of doped organic thin films." J. Appl. Phys. 65(9): 1989. p. 3610-3616.
	AM	"New Aspect of Research and Development of Organic EL." M&BE Seminar, Bulletin of Organic Molecular/Bioelectronics Subcommittee, Society of Applied Physics, 11(1): 2000. p. 3-12.
	AN	T. Wakimoto et al. "Organic EL cells using alkaline metal compounds as electron injection materials." IEEE Transactions on Electron Devices 44(8): 1997. p. 1245-1248.
	AO	S.A. Van Slyke et al. "Organic electroluminescent devices with improved stability." Appl. Phys. Lett. 69(15): 1996. p. 2160-2162.
	AP	D.F. O'Brien et al. "Improved energy transfer in electrophosphorescent devices." Appl. Phys. Lett. 74(3): 1999. p. 442-444.
	AQ	T. Tsutsui et al. "High quantum efficiency in organic light-emitting devices with iridium-complex as a triplet emissive center." Jpn. J. Appl. Phys. 38: 1999. p. L1502-L1504.
	AR	T. Tsutsui et al. "The operation mechanism and the light emission efficiency of the organic EL element." Text of the Third Lecture Meeting, Bulletin of Organic Molecular/Bioelectronics Subcommittee, Society of Applied Physics, p. 31-37.
Sum	AS	J. Kido et al. "Multilayer white light-emitting organic electroluminescent device." Science 367: 1995. p. 1332-1334.

Examiner Signature <i>S. M. Wilson</i>	Date Considered 4/18/04
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-303001	Application No. 10/081,971
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Yamazaki et al.	
		Filing Date February 20, 2002	Group Art Unit

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
Su	AT	Satoshi Seo et al., U.S. patent application serial no. 10/043,786, filed January 10, 2002
	AU	Satoshi Seo et al., U.S. patent application serial no. 10/043,812, filed January 10, 2002
	AV	Satoshi Seo et al., U.S. patent application serial no. 10/060,427, filed January 29, 2002
	AW	Shunpei Yamazaki et al., U.S. patent application serial no. 10/062,005, filed January 31, 2002
	AX	Satoshi Seo et al., U.S. patent application serial no. 10/072,507, filed February 5, 2002
	AY	Shunpei Yamazaki et al., U.S. patent application serial no. 10/072,310, filed February 5, 2002
	AZ	Satoshi Seo et al., U.S. patent application serial no. 10/081,558, filed February 20, 2002
	AAA	Hirokazu Yamagata et al., U.S. patent application serial no. 09/852,090, filed May 10, 2001.
	ABB	Satoshi Seo et al., U.S. patent application serial no. 10/026,064, filed December 21, 2001.
	ACC	Satoshi Seo et al., U.S. patent application serial no. 10/024,699, filed December 21, 2001.
	ADD	

Examiner Signature 	Date Considered <u>4/8/04</u>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
07977-303001Application No.
10/081,971**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR § 1.98(b))

Applicant
S. Yamazaki, et al.Filing Date
February 20, 2002

Group Art Unit

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
SM	AA	5 719 467	Feb 17, 1998	Antoniadis et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature

Date Considered

7/08/04

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

017-129
MAR 10 2003

Substitution (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-303001	Application No. 10/081,971
	Applicant S. Yamazaki, et al.		
	Filing Date February 20, 2002	Group Art Unit 2812	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED
MAR 12 2003
10:00 AM
FDCM

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>[Signature]</i>	AL	243470	03/21/95	TW			ABS	
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

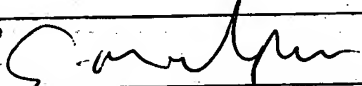
Examiner Signature <i>[Signature]</i>	Date Considered 4/8/04
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-303001	Application No. 10/081,971
		Applicant S. Yamazaki, et al.	
		Filing Date February 20, 2002	Group Art Unit 2812

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>Sur</i>	AQ	Takeshi Nishi et al., "High Efficiency TFT-OLED Display with Iridium-Complex As Triplet Emissive Center", <i>Proceedings of the 10th International Workshop on Inorganic and Organic Electroluminescence</i> , pp. 353-356, December 4-7, 2000
	AR	
	AS	

Examiner Signature 	Date Considered 4/8/04
EXAMINER: Initials of citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	